

PTO-1390 (Rev. 02-2005)

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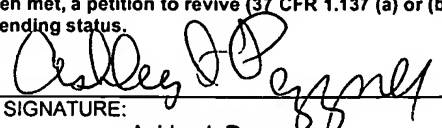
|  |  |   |
|--|--|---|
| <b>TRANSMITTAL LETTER TO THE UNITED STATES<br/>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br/>CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>  |  | ATTORNEY'S DOCKET NUMBER<br>12810-00027-US                          |
| INTERNATIONAL APPLICATION NO.<br>PCT/EP2003/008407   |  | U.S. APPLICATION NO. (If known, see 37 CFR 1.5)<br><b>10/525468</b> |
| INTERNATIONAL FILING DATE<br>30 July 2003  |  | PRIORITY DATE CLAIMED<br>30 August 2002                             |
| TITLE OF INVENTION      OXIDATION PROCESS  |  |   |
| APPLICANT(S) FOR DO/EO/US      Thomas Genger et al.  |  |   |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:  |  |   |
| 1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.   |  |   |
| 2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.  |  |   |
| 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below. |  |   |
| 4. <input checked="" type="checkbox"/> The US has been elected (Article 31).   |  |   |
| 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2))   |  |   |
| a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).   |  |   |
| b. <input type="checkbox"/> has been communicated by the International Bureau.   |  |   |
| c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).   |  |   |
| 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).   |  |   |
| a. <input checked="" type="checkbox"/> is attached hereto.   |  |   |
| b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).   |  |   |
| 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))  |  |   |
| a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).   |  |   |
| b. <input type="checkbox"/> have been communicated by the International Bureau.  |  |   |
| c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.  |  |   |
| d. <input type="checkbox"/> have not been made and will not be made.   |  |   |
| 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).   |  |   |
| 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).   |  |   |
| 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).                   |  |   |
| <b>Items 11 to 20 below concern document(s) or information included:</b>   |  |   |
| 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.  |  |   |
| 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.   |  |   |
| 13. <input checked="" type="checkbox"/> A preliminary amendment.   |  |   |
| 14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.   |  |   |
| 15. <input type="checkbox"/> A substitute specification.   |  |   |
| 16. <input type="checkbox"/> A power of attorney and/or change of address letter.  |  |   |
| 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.  |  |   |
| 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).   |  |   |
| 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).   |  |   |
| 20. <input checked="" type="checkbox"/> Other items or information: Form PCT/ISA/220, Form PCT/IPEA/409, Copy of German language as-filed specification  |  |   |

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|  |              |   |            |  |              |
|--|--------------|---|------------|--|--------------|
| U.S. APPLICATION NO. (if known, see 37 CFR 1.5)<br><b>10/525468</b>  |              | INTERNATIONAL APPLICATION NO.<br>PCT/EP2003/008407                            |            | ATTORNEY'S DOCKET NUMBER<br>12810-00027-US |              |
| The following fees have been submitted   |              |   |            | CALCULATIONS                               | PTO USE ONLY |
| 21. <input checked="" type="checkbox"/> Basic national fee .....\$ 300   |              |   |            | \$ 300.00                                  |              |
| 22. <input checked="" type="checkbox"/> Examination fee  |              |   |            |  |              |
| If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) .....\$100  |              |   |            |  |              |
| All other situations .....\$200  |              |   |            | \$ 200.00                                  |              |
| 23. <input checked="" type="checkbox"/> Search fee   |              |   |            |  |              |
| Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority .....\$100   |              |   |            |  |              |
| International Search Report prepared and provided to the Office .....\$400   |              |   |            |  |              |
| All other situations .....\$500  |              |   |            | \$ 500.00                                  |              |
| <b>TOTAL OF 21, 22 and 23 =</b>  |              |   |            | \$ 1,000.00                                |              |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.   |              |   |            |  |              |
| Total Sheets   | Extra sheets | Number of each additional 50 or fraction thereof (round up to a whole number) | RATE       |  |              |
| 16 - 100 =   | /50 =        |   | x \$250.00 |  |              |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).  |              |   |            | \$   |              |
| CLAIMS   | NUMBER FILED | NUMBER EXTRA  | RATE       |  |              |
| Total claims   | 17 - 20 =    |   | x          | \$ 0.00                                    |              |
| Independent claims   | 1 - 3 =      |   | x          | \$ 0.00                                    |              |
| MULTIPLE DEPENDENT CLAIM(s) (if applicable)  |              |   |            | \$   |              |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>   |              |   |            | \$ 1,000.00                                |              |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.   |              |   |            | \$   |              |
| <b>SUBTOTAL =</b>  |              |   |            | \$ 1,000.00                                |              |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).   |              |   |            | +  | \$           |
| <b>TOTAL NATIONAL FEE =</b>  |              |   |            | \$ 1,000.00                                |              |
| Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property  |              |   |            | +  | \$           |
| <b>TOTAL FEES ENCLOSED =</b>   |              |   |            | \$ 1,000.00                                |              |
|  |              |   |            | Amount to be refunded:                     | \$           |
|  |              |   |            | Amount to be charged:                      | \$           |
| <p>a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.</p> <p>b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>03-2775</u> in the amount of \$ <u>1,000.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>03-2775</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.</p> <p>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the International Application to pending status.</p> <p>SEND ALL CORRESPONDENCE TO:</p> <p style="text-align: right;"> <br/>       SIGNATURE: Ashley I. Pezzner<br/>       NAME: _____<br/>       CUSTOMER NUMBER: 23416<br/>       REGISTRATION NUMBER: 35,646     </p> |              |   |            |  |              |

|   |      |  |  |
|---|------|--|--|
| Effective on 12/08/2004.<br>Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).<br><b>FEE TRANSMITTAL</b><br><b>For FY 2005</b> |      | <b>Complete if Known</b><br>Application Number Not Yet Assigned<br>Filing Date Concurrently Herewith<br>First Named Inventor Thomas Genger<br>Examiner Name Not Yet Assigned<br>Art Unit N/A<br>Attorney Docket No. 12810-00027-US |  |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27  |      |  |  |
| TOTAL AMOUNT OF PAYMENT   | (\$) | 1,000.00   |  |

**METHOD OF PAYMENT** (check all that apply)

☐ Check    ☐ Credit Card    ☐ Money Order    ☐ None    ☐ Other (please identify): \_\_\_\_\_

☒ Deposit Account    Deposit Account Number: 03-2775    Deposit Account Name: Connolly Bove Lodge & Hutz LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below    ☐ Charge fee(s) indicated below, except for the filing fee  
☒ Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17    ☒ Credit any overpayments

**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

| Application Type | FILING FEES |                       | SEARCH FEES |                       | EXAMINATION FEES |                       | Fees Paid (\$) |
|------------------|-------------|-----------------------|-------------|-----------------------|------------------|-----------------------|----------------|
|                  | Fee (\$)    | Small Entity Fee (\$) | Fee (\$)    | Small Entity Fee (\$) | Fee (\$)         | Small Entity Fee (\$) |                |
| Utility          | 300         | 150                   | 500         | 250                   | 200              | 100                   |                |
| Design           | 200         | 100                   | 100         | 50                    | 130              | 65                    |                |
| Plant            | 200         | 100                   | 300         | 150                   | 160              | 80                    |                |
| Reissue          | 300         | 150                   | 500         | 250                   | 600              | 300                   |                |
| Provisional      | 200         | 100                   | 0           | 0                     | 0                | 0                     |                |

**2. EXCESS CLAIM FEES**

| Fee Description                                    | Fee (\$) | Small Entity Fee (\$) |
|--|----------|-----------------------|
| Each claim over 20 (including Reissues)            | 50       | 25                    |
| Each independent claim over 3 (including Reissues) | 200      | 100                   |
| Multiple dependent claims                          | 360      | 180                   |

| Total Claims  | Extra Claims | Fee (\$) | Fee Paid (\$) | Multiple Dependent Claims | Fee (\$) | Fee Paid (\$) |
|---------------|--------------|----------|---------------|---------------------------|----------|---------------|
| 17            | - 20 =       | x        | =             |                           |          |               |
| Indep. Claims | Extra Claims | Fee (\$) | Fee Paid (\$) |                           |          |               |
| 1             | - 3 =        | x        | =             |                           |          |               |

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof | Fee (\$) | Fee Paid (\$) |
|--------------|--------------|--|----------|---------------|
| 16           | - 100 =      | /50 (round up to a whole number) x               | =        |               |

**4. OTHER FEE(S)**

|   | Fees Paid (\$) |
|---|----------------|
| Non-English Specification, \$130 fee (no small entity discount) |                |
| Other (e.g., late filing surcharge):                            |                |
| 1631 Basic National Stage fee                                   | 300.00         |
| 1633 National Stage Examination Fee - all other ...             | 200.00         |
| 1632 National Stage Search Fee - all other situations           | 500.00         |

|                     |                          |                                   |                |
|---------------------|--------------------------|-----------------------------------|----------------|
| <b>SUBMITTED BY</b> |                          |                                   |                |
| Signature           | <i>Ashley I. Pezzner</i> | Registration No. (Attorney/Agent) | 35,646         |
| Name (Print/Type)   | Ashley I. Pezzner        | Telephone                         | (302) 658-9141 |
|                     |                          | Date                              | 2/24/05        |

Application No. (if known): Not Yet Assigned

Attorney Docket No.: 12810-00027-US

**Certificate of Express Mailing Under 37 CFR 1.10**

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J. Lynn Ferry

Typed or printed name of person signing Certificate

Registration Number, if applicable

(302) 658-9141

Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Transmittal Letter to the United States Designated-Elected Office  
Fee Transmittal  
Application Data Sheet  
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Form PCT/IPEA/409  
English language translation of international application  
Copy of German language as-filed specification  
Executed Combined Declaration/Power of Attorney  
Information Disclosure Statement, SB08, References  
Preliminary Amendment  
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